

Keyboard Map

ESC
End Mission

F1
Cockpit view
Head move v
Head shift move
HUD only v

F2
Aircraft view
Aircraft labels
Own Aircraft view
Cam ctrl O/F
Cam position O/F

F3
Fly-by view
Fly-by jump view

F4
Look back view
Arcade chade v
Chase view

F5
Near A/C view
Ground hostile

F6
Released wpn v
Missile labels
Wpn to Tgt view

F7
Grnd unit view

F8
Target view
Player/all targets

F9
Ship view
ShipVehicle label
All labels
Landing officer v

F10
Map view
All labels
Map current point

F11
Airport view
Free camera v

F12
Static view
TrainsCars O/F
Civilian traffic v

~
ABRIS Button 1
Datalink T1 V
Datalink Wing1
Flare red

2
ABRIS button 2
Datalink T2 S
Datalink Wing2
Flare green

3
ABRIS button 3
Datalink T3 O
Datalink Wing3
Flare white

4
ABRIS button 4
Datalink ref pt
Datalink Wing4
Flare yellow

5
ABRIS button 5
Datalink All

6
ABRIS axis push

7
ABRIS axis -

8
ABRIS axis +
HUD reticle D/N

9
ABRIS brightness -

0
ABRIS brightness +
ABRIS power

-
Shkval 7x
G meter reset
ADF channel -
QFE -

+
Shkval 23x
ADF channel +
ADF beacon select
QFE +

BACKSPACE
Target unlock

TAB
Multiplayer chat all
Multiplayer chat allies

Q
Auto turn on target
Flt atk my Tgt

W
Wheel brake
Park brake
Flt cover me
Master Arm

E
Engine select
Eject (3 times)
Flt complt+RTB
Eng crank/false

R
Route mode
Rotor brake
Flt complt+rejoin
Jettison ext stores

T
Trimmer
Trim reset
Flt formation
Hover O/F

Y
Outer station
Info bar O/F
Flt join formtn
Co-ord units

U
All station
PRTs Send/Mem
A-A mode

I
Inner station
Self ID
De-ice / dust
Shkval center

O
Uncage shkval
Laser standby
Laser design
Laser reset
Laser O/F

P
Auto track gun
Autopilot pitch hold
Show pilot

[
Tgt frame -
Mouse fast
Mouse slow
Mouse norm

]
Tgt frame +
Keyboard fast
Keyboard slow
Keyboard norm

| \
Communication menu
Switch dialog
Switch to main menu

CAPSLOCK
Track IR reset

A
Weapon sys a/m
Autopilot alt hold
Autopilot dir cntrl
Autopilot off

S
Weapon mode
Head on air tgt
Declutter HUD

D
Decent mode
Targeting sys O/F
Flt atk air defnse

F
Collective brake
Fire ext L engine
Fire ext R engine

G
Gear up/down
Flt atk grnd tgt
Emergency gear

H
Helmet reticle
Autopilot head hold
HSI track angle
HUD colour filter

J
Cam jiggle O/F
Lights anti-collision
Jump other plane

K
Cockpit lamp
Gauge lights
Night vision cockpit
keep terrain cam alt

L
Laser warning reset
LWS/CMD mode
Lamps test
Light landing O/R/F
Navigation lights

: ;
Shkval slew up
Spotlight up

" '
Mission info
Rearm Refuel menu

RETURN
Lock target
Show controls indicator O/F

L SHIFT

Z
Rudder left
Time = 1
Time +
Time -

X
Rudder right
Autopilot Baro/Rdr
Autopilot head/track

C
Gun
Gun rate of fire
Gun round select
Ckable ckpt O/F
Cockpit door

V
Airbourne target

B
Rotor RPM
warn reset
Autopilot bank
View briefing

N
Grnd moving tgt
Tgt nav sys power
Laser warning system
Reset warning

M
Master caution
reset
Datalink mode

< ,
Shkval slew left
Spotlight left

> .
Shkval slew down
Spotlight down

? /
Shkval slew right
Spotlight right

R SHIFT

L CTRL

L WIN

L ALT

SPACE
Fire gun

R ALT

R WIN

R CLICK

R CRTL

DCS KA-50 Black Shark

PRT SCR
Screenshot

SCR LK
Active Pause O/F

PAUSE
Pause O/F
Frame rate

INS
ECM start

HOME
Start engine
Auto startup

PAGEUP
Throttle +
Left throttle +
Right throttle +
Left cutoff valve

DEL
ECM stop
View all mode

END
Stop APU
Auto shutdown

PAGEDN
Throttle -
Left throttle -
Right throttle -
Right cutoff valve

NUM
Unlock view
(stop Padlock)

/
Zoom out
F11 cam fwd
Zoom ext out

*
Zoom in
F11 cam bkwd
Zoom ext in

-
Collective -

7
View up left

8
View up

9
View up right
Tracking fire
weapon O/F

+

4
View left

5
View center

6
View right

1
View down left

2
View down

3
View down right

ENTER
Zoom normal
Zoom ext
normal

0
Cockpit panel view snap

.
Lock view
(cycle Padlock)
All missile PL
Threat missile PL
Lock terrain v

UP
Cyclic up

LEFT
Cyclic left

DOWN
Cyclic down

RIGHT
Cyclic right

Ground Threats




























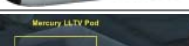
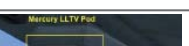
RADAR GUIDED					
RWR	Name		Range	Altitude	Speed
HA	HAWK		Min 2km Max 32km	Min 60m Max 13,700m	Mach 2.7
	Armament x 3 missiles				
PA	PATRIOT		Min 3km Max 160km	Min 60m Max 24,240m	Mach 5
Armament x 4 missiles					
RO	ROLAND		Min 0.5km Max 6.3km	Min 10m Max 5500m	Mach 1.6
Armament x 2 missiles					
GROUND RADARS					
RWR	Name				
HA	HAWK track radar		HAWK search radar		
PA	PATRIOT search & track radar				
S	Early warning radar				

Airborne Radars

RADAR	
RWR	Name
M	Missile
E2	E2C AWACS
E3	E3A AWACS
F4	F4
F5	F5
M2	Mirage 2000
14	F14
15	F15
16	F16
18	FA18
23	MIG23
25	MIG25
27	Su27
29	MIG29
31	MIG31
30	Su30
33	Su33
34	Su34
50	A-50

IR GUIDED					
RWR	Name		Range	Altitude	Speed
	STINGER		Min 0.2km Max 8km	Max 3800m	Mach 2.2
Armament x 1 missiles					
	AVENGER M1097 PMS		Min 0.3km Max 7km		Mach 2.2
Armament x 8 missiles x 500 ammo					
	LINEBACKER M6 - Bradley		Max 3km		Mach 2.2
Armament x 4 missiles x 500 ammo					
	CHAPARRAL M48		Min 0.4km Max 8.5km	Max 3000m	Mach 2.5
Armament x 4 missiles					
AAA					
RWR	Name		Range	Altitude	Speed
GP	GEPARD 1A2		Max 3km		
Armament x 620 ammo					
	VULCAN M-163		Max 2.6km		
Armament x 2280 ammo					

Weapons

TYPE			DESCRIPTION	RANGE	LOAD	TARGET TYPES
R-60 Aphid			Short range IR Air-to-air missile	7km	65 kg	Aircraft
R-73 Archer			Medium range IR air-to-air missile	20km	110 kg	Aircraft
FAB - 100			General purpose freefall bomb		100 kg	General ground targets
FAB - 250			General purpose freefall bomb		250 kg	General ground targets
FAB - 500			General purpose freefall bomb		500 kg	General ground targets
RBK - 250 PTAB-2.5M			Cluster freefall 30 x 2.5kg anti-tank bomblets		275 kg	Formation armour (Tanks / APC)
RBK - 500 PTAB-10.5			Cluster freefall 30 x 10kg anti-tank bomblets		504 kg	Formation armour (Tanks / APC)
RBK - 500 PTAB-1M			Cluster freefall 352 x 1kg anti-tank bomblets		504 kg	Formation armour (Tanks / APC)
KMGU-2 AO-2.5RT			Submunition dispenser for 96 x 2.5kg anti-personnel / material bomblets		525kg	Soft targets
KMGU-2 PTAB-2.5KO			Submunition dispenser for 96 2.5kg anti-tank bomblets		525kg	Formation armour (Tanks / APC)
BetAB - 500			Freefall penetration bomb		478 kg	Concrete piercing, bunkers, concrete runways
BetAB-500shp			Penetration bomb with rocket / parachute system		380 kg	Concrete piercing, bunkers, concrete runways
9K121 Vikhr 9A4172			Antitank laser beam riding missile	8km		Armored vehicles, helicopters
Kh-25ML Karen			Short range semi-active laser seeking air-to-surface missile	2-10km	300kg	Radars, command centers, SAM, AAA
Kh-25MPU Kegler			Medium range passive anti-radar air-to-surface missile	20-40km	320kg	Radar (Hawk, Nike Hercules, Patriot, Roland)
SAB-100			Freefall parachute Illumination Bomb		100kg	
S-5 KO		UB-32A-32 pod	32 x 57mm unguided rocket	3km	3.8kg	Soft targets
S-8 KOM			20 x 80mm unguided rocket HEAT	2km		Light armour / soft targets
S-8 OFP2			20 x 80mm unguided rocket Blast anti personnel / material	3km	15kg	
S-8 TsM			20 x 80mm unguided rocket Smoke (target designation)	2km	15kg	
S-13 OF S-13 T			122mm unguided rocket - Anti personnel / material 122mm unguided rocket - Penetrating	3km	68kg	Unarmoured targets, pillboxes, Shelters, runways Armour
S-24 B			Unguided rocket - Blast anti personnel / material	3km	235kg	Large area or soft targets
S-25 OFM S-25 L			340mm unguided rocket - Blast anti personnel/material 340mm laser guided rocket	3km 7km	480kg 480kg	
SPPU-22			Gunpod			
MPS-410 Omul			Active ECM Pod - Jam missiles/radar			
Mercury			Low Light TV Pod			
ELINT L-081 Fantasmagoria			Passive Ground Radar Analysis pod to locate radars (needed for anti-radar missiles)			

Airports



AIRFIELD	ICAO	CO-ORDINATES	TOWER FREQ	ILS	TACAN
Anapa	URKA	44o59'36"N,37o20'19"E	121.0MHz		
Batumi	UGSB	41o36'58"N,41o35'31"E	131.0MHz	13, 110.3MHz	16X BTM
Beslan	URMO	43o12'26"N,44o35'19"E	141.0MHz		
Gelendzhik	URKG	44o33'54"N,38o00'25"E	126.0MHz		
Gudauta	UG23	43o06'09"N,40o34'01"E	130.0MHz		
Kobuleti	UG5X	41o55'36"N,41o51'05"E	133.0MHz	07, 111.5MHz	67X KBL
Kopitnari-Kutaisi	UGKO	42o10'30"N,42o28'05"E	134.0MHz	08, 109.75MHz	44X KTS
Krasnodar Center	URKI	45o05'03"N,38o57'34"E	122.0MHz		
Krasnodar-Pashkovskty	URKK	45o01'52"N,39o08'38"E	128.0MHz		
Krymsk	URKW	44o58'27"N,38o00'37"E	124.0MHz		
Maykop-Khanskaya	URKH	44o41'22"N,40o03'08"E	125.0MHz		
Mineralnye Vody	URMM	44o12'58"N,43o06'13"E	135.0MHz	12, 111.7MHz 30, 109.3MHz	
Mozdok	XRMF	43o47'26"N,44o34'44"E	137.0MHz		
Nalchik	URMN	43o30'29"N,43o37'30"E	136.0MHz	24, 110.5MHz	
Novorossiysk	URKN	44o39'36"N,37o46'25"E	123.0MHz		
Senaki-Tskhakaya	UGKS	42o14'31"N,42o02'08"E	132.0MHz	09, 108.90MHz	31X TSK
Sochi-Adler	URSS	43o06'17"N,40o35'26"E	127.0MHz	06, 111.1MHz	
Soganlug	UG24	41o39'26"N,44o55'48"E	139.0MHz		
Sukhumi	UGSS	42o51'21"N,41o09'17"E	129.0MHz		
Tbilisi	UGTB	41o40'37"N,44o56'37"E	138.0MHz	13, 110.3MHz 31, 108.9MHz	
Vaziani	UG27	41o37'09"N,45o02'10"E	140.0MHz	14, 108.75MHz	22X VAS
Banodzha		42o15'54"N, 42o39'24"E			
Kvitiri		42o14'53"N, 42o37'50"E			
Ochkhauri		41o50'17"N, 41o48'02"E			